



Dart Aerospace Ltd.  
1270 Aberdeen St  
Hawkesbury, ON  
K6A 1K7  
Canada

Tel (613) 632-5200  
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**RBW6205G09132-  
3G-5**

**Job Sheet 190640**



Part No: RBW6205G09132-3G-5

Job Qty: 3 pos

Part Name: Wear Plate



Part Weight: 0 lbs

Status: New

Priority: Medium

Job Created: 2/12/19

Job Tracking No: SIOP

Due Date: 3/12/19

Created By: Dara Macdonald

Type: Stock

Description:

Note: DWG:RBW6205G09132-3G Rev 3 IPP Rev A 18.03.28 New issue DP Verify DD

Ship Via:

### Bill of Materials

### Job Routing

| Op<br>No | Operation  | Qty   | Start Date | Due<br>Date | Standard     |            | Workcenter/Supplier   |           | Sign-off        |
|----------|------------|-------|------------|-------------|--------------|------------|-----------------------|-----------|-----------------|
|          |            |       |            |             | Setup<br>Hrs | Run<br>Hrs | Workcenter / Supplier | Lead Time |                 |
| 110      | NV5000 - 1 | 3 pcs | 3/12/19    | 3/12/19     | 0.00         | 0.75       | NV5000 - 1            |           |                 |
|          |            |       |            |             |              |            | NV5000 - 2            |           | J.C.L.          |
| 120      | QC 2       | 3 pcs | 3/12/19    | 3/12/19     | 0.00         | 0.00       | QC 2 - 1              |           |                 |
|          |            |       |            |             |              |            | QC 2 - 12             |           |                 |
|          |            |       |            |             |              |            | QC 2 - 14             |           |                 |
|          |            |       |            |             |              |            | QC 2 - 17             |           |                 |
|          |            |       |            |             |              |            | QC 2 - 19             |           |                 |
|          |            |       |            |             |              |            | QC 2 - 2              |           |                 |
|          |            |       |            |             |              |            | QC 2 - 20             |           |                 |
|          |            |       |            |             |              |            | QC 2 - 22             |           |                 |
|          |            |       |            |             |              |            | QC 2 - 23             |           |                 |
|          |            |       |            |             |              |            | QC 2 - 25             |           |                 |
|          |            |       |            |             |              |            | QC 2 - 32             |           | J.C.L. 19-07-01 |
|          |            |       |            |             |              |            | QC 2 - 33             |           |                 |
|          |            |       |            |             |              |            | QC 2 - 35             |           |                 |
|          |            |       |            |             |              |            | QC 2 - 39             |           |                 |
|          |            |       |            |             |              |            | QC 2 - 4              |           |                 |
|          |            |       |            |             |              |            | QC 2 - 40             |           |                 |
|          |            |       |            |             |              |            | QC 2 - 44             |           |                 |
|          |            |       |            |             |              |            | QC 2 - 45             |           |                 |
|          |            |       |            |             |              |            | QC 2 - 48             |           |                 |
|          |            |       |            |             |              |            | QC 2 - 49             |           |                 |
|          |            |       |            |             |              |            | QC 2 - 50             |           |                 |
|          |            |       |            |             |              |            | QC 2 - 51             |           |                 |
|          |            |       |            |             |              |            | QC 2 - 52             |           |                 |
|          |            |       |            |             |              |            | QC 2 - 54             |           |                 |
|          |            |       |            |             |              |            | QC 2 - 56             |           |                 |
|          |            |       |            |             |              |            | QC 2 - 57             |           |                 |
|          |            |       |            |             |              |            | QC 2 - 62             |           |                 |
|          |            |       |            |             |              |            | QC 2 - 63             |           |                 |



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Container No: S158125



Part: RBW6205G09132-3G-5

Job No: 190640

Serial No/Batch: S158125

Revision: 3

Inspector:

Exp Date:

Instructions:

Date: 03/01/19

Plex 2/12/19 1:21 PM Dart.Macdonald.Dara

|     |                             |       |         |           |                        |                   |
|-----|-----------------------------|-------|---------|-----------|------------------------|-------------------|
| 130 | QC 8                        | 3 pcs | 3/12/19 | 0.00 0.00 | QC 2 - 8               |                   |
|     |                             |       |         |           | QC 2 - 66              |                   |
|     |                             |       |         |           | QC 2 - 64              |                   |
|     |                             |       |         |           | QC 8 - 12              |                   |
|     |                             |       |         |           | QC 8 - 14              |                   |
|     |                             |       |         |           | QC 8 - 17              |                   |
|     |                             |       |         |           | QC 8 - 20              |                   |
|     |                             |       |         |           | QC 8 - 25              |                   |
|     |                             |       |         |           | QC 8 - 3               |                   |
|     |                             |       |         |           | QC 8 - 32              |                   |
|     |                             |       |         |           | QC 8 - 33              |                   |
|     |                             |       |         |           | QC 8 - 35              |                   |
|     |                             |       |         |           | QC 8 - 39              |                   |
|     |                             |       |         |           | QC 8 - 4               |                   |
|     |                             |       |         |           | QC 8 - 44              |                   |
|     |                             |       |         |           | QC 8 - 45              |                   |
|     |                             |       |         |           | QC 8 - 49              |                   |
|     |                             |       |         |           | QC 8 - 58              |                   |
|     |                             |       |         |           | QC 8 - 8               | D.A 19-03-15      |
|     |                             |       |         |           | QC 8 - 9               |                   |
|     |                             |       |         |           | QC 8 - 68              |                   |
|     |                             |       |         |           | QC 8 - 67              |                   |
|     |                             |       |         |           | QC 8 - 1 (A)           |                   |
|     |                             |       |         |           | QC 8 - 47              |                   |
| 140 | Packaging 3-1 - Stock - B4B | 3 pcs | 3/12/19 | 0.00 0.00 | Packaging 3 - 1 - B4B  |                   |
|     |                             |       |         |           | Packaging 3 - 2 - B4B  |                   |
|     |                             |       |         |           | Packaging 3 - 3 - B4B  |                   |
|     |                             |       |         |           | Packaging 3 - 4 - B4B  |                   |
|     |                             |       |         |           | Packaging 3 - 5 - B4B  | DAS<br>28<br>9-89 |
|     |                             |       |         |           | Packaging 3 - 6 - B4B  |                   |
|     |                             |       |         |           | Packaging 3 - 7 - B4B  |                   |
|     |                             |       |         |           | Packaging 3 - 8 - B4B  |                   |
|     |                             |       |         |           | Packaging 3 - 9 - B4B  |                   |
|     |                             |       |         |           | Packaging 3 - 10 - B4B |                   |
|     |                             |       |         |           | Packaging 3 - 11 - B4B |                   |
|     |                             |       |         |           | Packaging 3 - 12 - B4B |                   |
|     |                             |       |         |           | Packaging 3 - 13 - B4B |                   |
|     |                             |       |         |           | Packaging 3 - 14 - B4B |                   |
|     |                             |       |         |           | Packaging 3 - 15 - B4B |                   |
|     |                             |       |         |           | Packaging 3 - 16 - B4B |                   |
|     |                             |       |         |           | Packaging 3 - 17 - B4B |                   |
|     |                             |       |         |           | Packaging 3 - 18 - B4B |                   |
|     |                             |       |         |           | Packaging 3 - 19 - B4B |                   |
|     |                             |       |         |           | Packaging 3 - 20 - B4B |                   |
|     |                             |       |         |           | Packaging 3 - 21 - B4B |                   |
|     |                             |       |         |           | Packaging 3 - 22 - B4B |                   |
|     |                             |       |         |           | Packaging 3 - 23 - B4B |                   |
|     |                             |       |         |           | Packaging 3 - 24 - B4B |                   |
|     |                             |       |         |           | Packaging 3 - 25 - B4B |                   |
|     |                             |       |         |           | Packaging 3 - 26 - B4B |                   |
|     |                             |       |         |           | Packaging 3 - 27 - B4B |                   |
|     |                             |       |         |           | Packaging 3 - 28 - B4B |                   |
|     |                             |       |         |           | Packaging 3 - 29 - B4B |                   |
|     |                             |       |         |           | Packaging 3 - 30 - B4B |                   |
|     |                             |       |         |           | Packaging 3 - 31 - B4B |                   |
|     |                             |       |         |           | Packaging 3 - 32 - B4B |                   |
|     |                             |       |         |           | Packaging 3 - 33 - B4B |                   |
|     |                             |       |         |           | Packaging 3 - 34 - B4B |                   |
|     |                             |       |         |           | Packaging 3 - 35 - B4B |                   |

|                |  |       |         |           |                        |                |
|----------------|--|-------|---------|-----------|------------------------|----------------|
| 150 QC 21 - SA |  | 3 pcs | 3/12/19 | 0.00 0.00 | Packaging 3 - 36 - B4B |                |
|                |  |       |         |           | QC 21 - SA - 21        | DAG            |
|                |  |       |         |           | QC 21 - SA - 70        | 21 MAR 18 2019 |
|                |  |       |         |           | QC 21 - SA - 53        | 3-53           |

Part Op 110 - NV5000-2 (MORI SEIKI VERTICAL MACHINE #2) - 1-Machine as per folio FC382 FOLIO REV: AA

Descriptions: DWG REV: 3 2-Debur

120 - QC2- Inspect parts off machine FAI/FAIB

130 - QC8- Inspect parts - second check

140 - Identify as per dwg & Stock Location: \_\_\_\_\_

150 - QC21- Final Inspection - Work Order Release

  

| Job BOM     |                                       |                    |                |                            |
|-------------|---------------------------------------|--------------------|----------------|----------------------------|
| Part / Item | Component Name                        | Quantity           | Operation      | Container                  |
| 8733K67     | Off White Nylon Bar 1" Thick, 3" Wide | 1.5600 ft (.52 ea) | 110-NV5000 - 1 | S147946<br>SOS717L + .531' |

  

| Job Allocations |                |          |           |           |
|-----------------|----------------|----------|-----------|-----------|
| Operation       | Component Part | Required | Inventory | Allocated |
| 110-NV5000 - 1  | 8733K67        | 2        | 7         | 0         |

  

| Part Specifications                |
|------------------------------------|
| Specifications could not be found. |

MAT  
used  
2.622'



Entered: \_\_\_\_\_ Date: \_\_\_\_\_



## WORK ORDER NON-CONFORMANCE / ROUTE UPDATE

NCR No. \_\_\_\_\_

Route update only ☐

|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |                                                                                                                                   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |  |                        |  |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|------------------------|--|
| Job: _____<br><br>Part No. _____                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | <b>DISPOSITION</b><br><br>Rework <input type="checkbox"/><br>Scrap <input type="checkbox"/><br>Use-as-is <input type="checkbox"/> | <b>DEPARTMENT/PROCESS</b><br><br><div style="display: flex; justify-content: space-between;"> <div>           Skid-tube <input type="checkbox"/><br/>           Machining <input type="checkbox"/><br/>           Large Fab <input type="checkbox"/> </div> <div>           Cross tube <input type="checkbox"/><br/>           Small Fab <input type="checkbox"/><br/>           Finishing <input type="checkbox"/> </div> <div>           Eng. (Non-AW) <input type="checkbox"/><br/>           Prod. Eng. Coord. <input type="checkbox"/><br/>           Rec/Store/Packaging <input type="checkbox"/> </div> <div>           Engineering <input type="checkbox"/><br/>           Water Jet <input type="checkbox"/><br/>           Supplier <input type="checkbox"/><br/>           Quality <input type="checkbox"/> </div> </div>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |  |                        |  |
| Date :                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | Sequence #:                                                                                                                       | QTY Affected :                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |  | MRB (QSI042)           |  |
| Description Work Order Deviation                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                                                                                                                   | Disposition                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |  | Completed By           |  |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |                                                                                                                                   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |  | Lead hand / Supervisor |  |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |                                                                                                                                   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |  |                        |  |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |                                                                                                                                   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |  | QC / QA Coordinator    |  |
| <b>Root Cause</b><br><br><div style="display: flex; flex-direction: column; align-items: flex-start;"> <div>Operator <input type="checkbox"/></div> <div>Manufacturing Process <input type="checkbox"/></div> <div>Equip/Tooling <input type="checkbox"/></div> <div>Handling/Preservation <input type="checkbox"/></div> <div>Material <input type="checkbox"/></div> <div>Product Improvement <input type="checkbox"/></div> <div>Process Improvement <input type="checkbox"/></div> <div>Human Factors <input type="checkbox"/></div> </div> |                                                                                                                                   | <b>FAULT CATEGORY</b><br><br><div style="display: flex; flex-wrap: wrap;"> <div style="width: 50%;"> <input type="checkbox"/> Pressure/Forced<br/> <input type="checkbox"/> Bending<br/> <input type="checkbox"/> Crushing<br/> <input type="checkbox"/> Cracks<br/> <input type="checkbox"/> Crimp/Kink/Ripple/Wave/Twist<br/> <input type="checkbox"/> Marks/Chatter<br/> <input type="checkbox"/> Mislabeled         </div> <div style="width: 50%;"> <input type="checkbox"/> Contamination<br/> <input type="checkbox"/> Misaligned/off center<br/> <input type="checkbox"/> BOM/Route<br/> <input type="checkbox"/> Broken/Damage/Defect<br/> <input type="checkbox"/> Incomplete/Unclear Instructions<br/> <input type="checkbox"/> Drill Holes<br/> <input type="checkbox"/> Fit/Function         </div> <div style="width: 50%;"> <input type="checkbox"/> Power Loss/Surge<br/> <input type="checkbox"/> Folio/Program<br/> <input type="checkbox"/> Grain Direction<br/> <input type="checkbox"/> Weld<br/> <input type="checkbox"/> Wrong Stock Pulled<br/> <input type="checkbox"/> Out of Sequence<br/> <input type="checkbox"/> Off-set/Set-up         </div> <div style="width: 50%;"> <input type="checkbox"/> Positioned Wrong<br/> <input type="checkbox"/> Outside Tolerance<br/> <input type="checkbox"/> Drawing<br/> <input type="checkbox"/> Finish<br/> <input type="checkbox"/> Part Lost/Missing<br/> <input type="checkbox"/> Misread         </div> </div> |  |                        |  |
| Other/Details:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |                                                                                                                                   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |  |                        |  |

|                                               |                                         |
|-----------------------------------------------|-----------------------------------------|
| <b>DART AEROSPACE LTD</b>                     | <b>Work Order:</b> 190 640              |
| <b>Description:</b> Wear plate                | <b>Part Number:</b> RPW02056009132-30-5 |
| <b>Inspection Dwg:</b> RPW0205600 <b>Rev:</b> | <b>Page 1 of 1</b>                      |

[illegible]

|                                                |  |              |  |
|------------------------------------------------|--|--------------|--|
| <b>Engineering Approval:</b><br>(If necessary) |  | <b>Date:</b> |  |
|------------------------------------------------|--|--------------|--|